

## Logging Actual Client IP Address In the IIS 7 and IIS 7.5 Server

<https://campus.barracuda.com/doc/22118841/>

By default, the Barracuda Load Balancer ADC forwards the client IP address in the X-Forwarded-For header.

To record the actual client IP address instead of the Barracuda Load Balancer ADC's custom virtual interface IP address in the IIS logs, do the following:

1. Download and Install the Microsoft [Advanced Logging](#) extension on the IIS 7.5 server. Alternatively, download the 64bit [MSI Package](#).
2. Once advanced logging is installed, restart the IIS manager.
3. Select the server root and then **Advanced Logging**. Select the individual website if you wish to enable and configure advanced logging options at the site level instead of server level.
4. In the **Advanced Logging** window, select the default log definition (%COMPUTERNAME%-Server) and select the **Enable Advanced Logging** and **Enable Client Logging** options in the **Actions** pane. You can also create a new log definition and apply it to the server.
5. Click the **Edit Logging Fields...** option. In the **Edit Logging Fields** window, note that the default **Client IP** uses the TCP client IP address to log the IP address in log files. Select the **Client IP** field and click **Remove**.
6. Click **Add Field** to define the custom Client IP field. In the **Add Logging Field** window, specify values for all parameters and click **OK**.
7. In the **Advanced Logging** page, double-click log definition. The **Log Definition** window appears. Select the field you created from the **Selected Fields** section and click **Edit**.
8. In the **Edit Field** window, enter the **Log header name**, select the **Required** check box and click **OK**.
9. Toggle advanced logging by disabling and enabling it in the **Actions** pane.
10. Access the website and then click **View Log Files** in the **Actions** pane to view the actual source IP address in the log file.

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